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(57) Abstract:

PURPOSE: To provide a data processor capable of simultaneously updating the data related to main data while keeping the consistency of data in updating the main data.

CONSTITUTION: A processing method storage device 2 stores a check rule for defining limit conditions for the contents of the main data, a local rule for defining a method to update the contents of the main data themselves by using the contents of the main data, a fetch rule for defining a method to update the contents of the main data by using the contents of the data related to the main data, and a derivation rule for updating the contents of the data related to the main data by using the contents of the main data. A data update processor 3 extracts any relevant rule from the processing method storage device 2, executes the update processing of the main data and the update processing of the related data according to that rule and further executes the update processing of further related data derived from the update of the related data.

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